



## DATA & APPLICATIONS ONLINE

# FIRMS - Fire Information For Resource Management System



FIRMS fire map viewer displaying wildfire activity (in orange) detected by Terra MODIS in southern Turkey on July 29, 2021. The true color composite imagery simultaneously collected by Terra MODIS shows smoke plumes from the fires moving southward over the eastern Mediterranean Sea. View image: <https://go.nasa.gov/3LiRdnG>

### Overview

NASA's Fire Information for Resource Management System (FIRMS) enables access to global near real-time (NRT) satellite imagery, active fire detections and other data from multiple satellites. FIRMS combines value-added data products to provide critical information to wildfire management organizations and impacted individuals.

### Key Features

- Global active fire/hotspots data and imagery from MODIS and VIIRS updated throughout the day.
- Geostationary active fire/hotspots data coming in Summer 2022.
- Enhanced interactive tools to visualize satellite imagery, active fire detections, and other NASA science products relevant to wildfire management.
- Customized maps for viewing and sharing.
- Active fire detection data in multiple GIS formats and WMS, WMS-T and WFS web services.
- Download historical data in GIS formats.
- Automated detection alert system for user-defined areas of interest.

### Explore FIRMS

#### About FIRMS:

<https://earthdata.nasa.gov/firms>

#### FIRMS Fire Map:

<https://firms.modaps.eosdis.nasa.gov/map>

#### Frequently Asked Questions:

<https://earthdata.nasa.gov/faq/firms-faq>

#### FIRMS Tutorial:

<https://youtu.be/SSd7KnWN9CM>

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FIRMS is a component of the NASA Earth Observing System Data and Information System (EOSDIS).



NASA's EOSDIS provides end-to-end management of NASA's Earth science data as part of NASA's Earth Science Data Systems Program. Discipline specific EOSDIS Distributed Active Archive Centers (DAACs), archive, manage and distribute the data, while also providing product generation, data customization, and user support services.